



**FlexScan® SX**  
Large Screen LCD Monitors

If the size doesn't impress you ...



... the color will.



The SX series of FlexScan monitors come in three impressively large screen sizes: 24", 27", and a huge 30". If you use desktop-hungry applications such as those for DTP, CAD/CAM, image editing, and web design, you'll appreciate the extra space this gives you to work. But as stunning as these sizes are, the image quality is even more so. EIZO's internal circuitry ensures accurate gamma curves and brightness uniformity. You also get the benefit of extremely precise color control. The FlexScan SX series: prepare to be impressed.



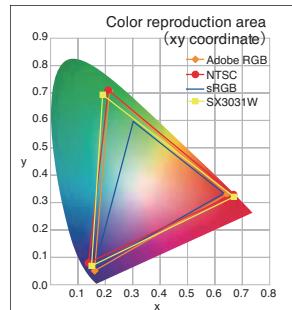
## Widescreen Monitors in Three Large Sizes

EIZO's FlexScan SX monitors give you the professional performance you need in the large screen sizes you crave. The 30" SX3031W provides an astounding  $2560 \times 1600$  native resolution, while the 27" SX2761W and 24" SX2461W both offer an impressive  $1920 \times 1200$ . The combination of expansive screen size and superb image quality makes these monitors the ideal choice for all types of imaging applications.



## Wide Color Gamut

The 24", 27", and 30" monitors reproduce 95%, 96%, and 97% respectively, of the Adobe RGB color space, allowing them to display almost every possible color in photos taken in this mode. They also have an sRGB mode that ensures accurate reproduction of colors in this narrower color space, such as those intended for web pages or digital photos taken in sRGB mode.



FlexScan SX3031W color gamut comparison

## Brightness and Chroma Uniformity with DUE

Fluctuations in brightness and chroma on different parts of the screen are characteristic of LCD panels. Generally, the larger the screen, the more noticeable these uniformity errors become. EIZO's Digital Uniformity Equalizer (DUE) effectively compensates for these errors, resulting in a much more uniform image.



Without DUE: uneven brightness distribution



With DUE: brightness fluctuations corrected

## 12-Bit Gamma, 16-Bit Processing

All three monitors incorporate EIZO's latest application specific integrated circuit (ASIC), which employs a 12-bit look-up table with a color palette of 68 billion colors from



which the most appropriate 16.7 million (8 bits) are displayed. This ASIC also uses 16-bit internal processing for smooth display of grayscale tones, especially in the dark areas of an image.



10-bit internal processing



16-bit internal processing

## Detailed Color Control



Hue can be adjusted for a single color

Big screen size is great, but doesn't mean a lot without a wide range of color control functions. FlexScan SX monitors let you adjust not just brightness, but gamma, saturation, hue, gain, and color temperature as well. You can even fine-tune a single color, by adjusting its RGBCMY hue and saturation settings.

## More Effective Software Calibration

With many large screen monitors, software calibration of the computer's graphics board is vital for achieving the desired color values. The SX monitors, however, already provide extensive color adjustment in the OSD menu. This means that any software calibration you do will contribute to a much better grayscale ramp — a key indicator of how well dark tones can be displayed as well as overall color accuracy.

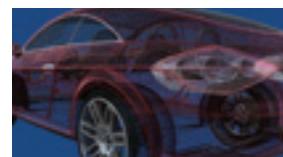


## Fast Response Time

An overdrive circuit is included to reduce midtone response time and ensure that movies and other moving images look clean and sharp with an absolute minimum of blurring and ghosting.



Without overdrive circuit



With overdrive circuit

## Always the Ideal Brightness

The BrightRegulator function keeps the monitor at the ideal brightness level under all lighting conditions. A sensor on the front bezel takes readings of the ambient brightness and signals the backlight





FlexScan SX3031W



FlexScan SX2761W



FlexScan SX2461W

<b>Panel</b>	<b>Panel Size and Type</b>	76 cm (29.8") TFT color LCD panel	69 cm (27") TFT color LCD panel	61 cm (24.1") TFT color LCD panel
	<b>Viewing Angles (H, V)</b>	178°, 178° (at contrast ratio of 10:1)	178°, 178° (at contrast ratio of 10:1)	178°, 178° (at contrast ratio of 10:1)
	<b>Brightness / Contrast</b>	260 cd/m <sup>2</sup> / 900:1	320 cd/m <sup>2</sup> / 850:1	300 cd/m <sup>2</sup> / 850:1
	<b>On/Off Response Time</b>	12 ms (typical)	16 ms (typical)	16 ms (typical)
	<b>Midtone Response Time</b>	6 ms (typical) <sup>1</sup>	6 ms (typical) <sup>1</sup>	6 ms (typical) <sup>1</sup>
	<b>Native Resolution</b>	2560 × 1600 <sup>2</sup>	1920 × 1200	1920 × 1200
	<b>Active Display Size (H × V)</b>	641.3 × 400.8 mm	581.8 × 363.6 mm	518.4 × 324 mm
	<b>Viewable Image Size</b>	Diagonal: 756 mm	Diagonal: 686 mm	Diagonal: 611 mm
	<b>Pixel Pitch</b>	0.2505 × 0.2505 mm	0.303 × 0.303 mm	0.270 × 0.270 mm
	<b>Wide Gamut Coverage</b>	97% of Adobe RGB, 100% vs. NTSC	95% of Adobe RGB, 92% vs. NTSC	96% of Adobe RGB, 92% vs. NTSC
	<b>Display Colors</b>	16.77 million from a palette of 68 billion	16.77 million from a palette of 68 billion	16.77 million from a palette of 68 billion
<b>Cabinet Colors</b>		Black	Gray, Black	Gray, Black
<b>Dot Clock</b>		Digital: 269 MHz	Analog: 202.5 MHz, Digital: 162 MHz	Analog: 202.5 MHz, Digital: 162 MHz
<b>Scanning Frequency (H, V)</b>	<b>Analog</b>	–	24 – 94 kHz, 49 – 86 Hz	24 – 94 kHz, 49 – 86 Hz
	<b>Digital</b>	31 – 100 kHz, 59 – 61 Hz (VGA Text: 69 – 71 Hz)	31 – 76 kHz, 59 – 61 Hz (VGA Text: 69 – 71 Hz)	31 – 76 kHz, 59 – 61 Hz (VGA Text: 69 – 71 Hz)
<b>Input Signals</b>		Digital: DVI Standard 1.0	Analog: RGB Analog, Digital: DVI Standard 1.0	Analog: RGB Analog, Digital: DVI Standard 1.0
<b>Input Terminals</b>		DVI-D 24 pin × 2 (dual link × 1, single link [HDCP supported <sup>3</sup> ] × 1)	DVI-I 29 pin × 2 (switchable) / HDCP supported <sup>3</sup>	DVI-I 29 pin × 2 (switchable) / HDCP supported <sup>3</sup>
<b>USB Port / Standard</b>		1 upstream, 2 downstream / USB Standard Rev. 2.0	1 upstream, 2 downstream / USB Standard Rev. 2.0	1 upstream, 2 downstream / USB Standard Rev. 2.0
<b>Plug &amp; Play</b>		VESA DDC 2B	VESA DDC 2B	VESA DDC 2B
<b>Power</b>	<b>Power Requirements</b>	AC 100 – 120 V, 200 – 240 V: 50 / 60 Hz	AC 100 – 120 V, 200 – 240 V: 50 / 60 Hz	AC 100 – 120 V, 200 – 240 V: 50 / 60 Hz
	<b>Power Consumption</b>	170 W (maximum), 82 W (typical)	115 W (maximum), 53 W (typical)	110 W (maximum), 46 W (typical)
	<b>Power Save Mode</b>	Less than 2 W	Less than 1.7 W	Less than 2 W
<b>Physical Specifications</b>	<b>Height Adjustment Range</b>	118 mm	118 mm	82 mm
	<b>Tilt / Swivel / Pivot</b>	40° Up, 0° Down / 35° Right, 35° Left / 90°	40° Up, 0° Down / 35° Right, 35° Left / 90°	40° Up, 0° Down / 35° Right, 35° Left / 90°
	<b>Dimensions (W × H × D)</b>	With Stand: 689 × 511.5 – 629.5 × 254.7 mm Without Stand: 689 × 450 × 90 mm	With Stand: 630 × 492.5 – 610.5 × 254.7 mm Without Stand: 630 × 412 × 86 mm	With Stand: 566 × 456 – 538 × 230 mm Without Stand: 566 × 367 × 85 mm
	<b>Net Weight</b>	With Stand: 15.7 kg, Without Stand: 11.2 kg	With Stand: 13.2 kg, Without Stand: 8.7 kg	With Stand: 11.0 kg, Without Stand: 7.4 kg
<b>Auto Brightness Functions</b>		Auto Brightness Stabilization	Auto Brightness Stabilization, BrightRegulator	Auto Brightness Stabilization, BrightRegulator
<b>Display Mode Options</b>		Fine Contrast (Text, Picture, Movie, sRGB, Custom, WindowMovie <sup>4</sup> ), Auto Fine Contrast <sup>5</sup>	Fine Contrast (Text, Picture, Movie, sRGB, Custom, WindowMovie <sup>4</sup> ), Auto Fine Contrast <sup>5</sup>	Fine Contrast (Text, Picture, Movie, sRGB, Custom, WindowMovie <sup>4</sup> ), Auto Fine Contrast <sup>5</sup>
<b>ScreenManager OSD Adjustment Functions</b>	<b>Screen Adjustment</b>	Screen Size (full screen, enlarge, normal), Smoothing (5 stages), Border Intensity	Clock, Phase, Position, Resolution, Range Adjustment (Auto), Signal Filter, Screen Size (full screen, enlarge, normal), Smoothing (5 stages), Border Intensity	Clock, Phase, Position, Resolution, Range Adjustment (Auto), Signal Filter, Screen Size (full screen, enlarge, normal), Smoothing (5 stages), Border Intensity
	<b>Color Adjustment</b>	Brightness, Independent 6-Color Control, Gamma, Temperature (in 500 K increments from 4,000 K – 10,000 K including 9,300 K), Saturation, Hue, Gain, Reset	Brightness, Independent 6-Color Control, Gamma, Temperature (in 500 K increments from 4,000 K – 10,000 K including 9,300 K), Saturation, Hue, Gain, Reset	Brightness, Independent 6-Color Control, Gamma, Temperature (in 500 K increments from 4,000 K – 10,000 K including 9,300 K), Saturation, Hue, Gain, Reset
	<b>Power Save Settings</b>	Analog – Digital PowerManager (DVI DMPM)	PowerManager (VESA DPMS) PowerManager (DVI DMPM)	PowerManager (VESA DPMS) PowerManager (DVI DMPM)
	<b>Other Settings</b>	Signal Settings, Product Information (product name, serial number, resolution, operating time), OSD Menu Settings, Adjustment Lock, Languages (English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese), Beep, Power Indicator, Dual Display <sup>6</sup> , Off Timer, Reset	Input Priority, Signal Settings, Product Information (product name, serial number, resolution, operating time), OSD Menu Settings, Adjustment Lock, Languages (English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese), Beep, Power Indicator, BrightRegulator, Off Timer, Reset	Input Priority, Signal Settings, Product Information (product name, serial number, resolution, operating time), OSD Menu Settings, Adjustment Lock, Languages (English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese), Beep, Power Indicator, BrightRegulator, Off Timer, Reset
<b>Certifications and Standards</b>		TCO'03, TÜV/Ergonomics (including ISO 13406-2), TÜV/GS, c-Tick, CE, CB, UL (cTÜVus), CSA (cTÜVus), FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, EPA ENERGY STAR <sup>®</sup> , RoHS, WEEE, EIZO Eco Products 2006	TCO'03, TÜV/Ergonomics (including ISO 13406-2), TÜV/GS, c-Tick, CE, CB, UL (cTÜVus), CSA (cTÜVus), FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, EPA ENERGY STAR <sup>®</sup> , RoHS, WEEE, EIZO Eco Products 2006	TCO'03, TÜV/Ergonomics (including ISO 13406-2), TÜV/GS, c-Tick, CE, CB, UL (cTÜVus), CSA (cTÜVus), FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, EPA ENERGY STAR <sup>®</sup> , RoHS, WEEE, EIZO Eco Products 2006
<b>Supplied Accessories</b>		AC power cord, signal cables (DVI-D – DVI-D, DVI-D – DVI-D [dual link supported]), USB cable, EIZO LCD Utility Disk (PDF user's manual, ScreenManager Pro for LCD <sup>7</sup> , ICC Profile), setup guide, 4 screws for mount option, warranty card	AC power cord, signal cables (DVI-D – DVI-D, DVI-I – D-Sub mini 15 pin), USB cable, EIZO LCD Utility Disk (HTML user's manual, ScreenManager Pro for LCD <sup>7</sup> , ICC Profile), UniColor Pro Disk <sup>8</sup> , Zoner Photo Studio Disk <sup>9</sup> , setup guide, 4 screws for mount option, warranty card	AC power cord, signal cables (DVI-D – DVI-D, DVI-I – D-Sub mini 15 pin), USB cable, EIZO LCD Utility Disk (HTML user's manual, ScreenManager Pro for LCD <sup>7</sup> , ICC Profile), UniColor Pro Disk <sup>8</sup> , Zoner Photo Studio Disk <sup>9</sup> , setup guide, 4 screws for mount option, warranty card
<b>Warranty</b>		Five Years <sup>10</sup>	Five Years <sup>10</sup>	Five Years <sup>10</sup>

<sup>1</sup> Average response time measured between each grayscale level of 31, 63, 95, 127, 159, 191, and 223. <sup>2</sup> A graphics board that supports dual link is required for displaying 2560 × 1600 resolution. <sup>3</sup> Display with audio/video is not supported. <sup>4</sup> WindowMovie mode is selectable only when Auto Fine Contrast is active. <sup>5</sup> Bundled ScreenManager Pro for LCD is necessary to activate Auto Fine Contrast. Support for those functions varies with the graphics board used. <sup>6</sup> Dual 1200 × 1600 display is available with Dual Display mode. <sup>7</sup> ScreenManager Pro for LCD is compatible with the Microsoft Windows Vista/XP/2000 operating systems only. <sup>8</sup> UniColor Pro is compatible with the Microsoft Windows Vista/XP/2000 and Mac OS X 10.3.9 – 10.5 operating systems only. <sup>9</sup> Zoner Photo Studio is compatible with the Microsoft Windows Vista/XP/2000/ME/98 operating systems only. <sup>10</sup> The usage time is limited to 30,000 hours or less, and the warranty period of the LCD panel and backlight is limited to three years from the date of purchase.

